

2019 user fees for MEB, XPS et XRD

(Responsible : Mr Christophe Chabanier ; chabanier@emt.inrs.ca)

Equipment	TESCAN Vega3 SEM	Escalab 220i XL XPS	Bruker D8 Advance XRD (powder)		X-Pert PRO Panalytical XRD (epithaxy)		Contact angle	Operator	
Cost	\$/h	\$/h	\$/4h Block ¹	\$/h	\$/4h Block ¹	\$/h	\$/4h Block ¹	\$/h	\$/h
<i>Users type</i>									
<i>Internal</i>	60	70	240	20	40	20	40	5	65
<i>Preferential²</i>	60	70	240	20	40	20	40	5	65
<i>Academic²</i>	90	140	480	30	60	30	60	5	100
<i>Industrial^{2 3}</i>	120	160	-	30	60	30	60	10	100
<i>Minimum</i>									
<i>time</i>	0.25	0.5	-	0.5	-	0.5	-	-	-
<i>Training (operator time + instrument time)</i>	3h of the operator + Instrument time	4h of the operator + Instrument time		2h of the operator + Instrument time		2h of the operator + Instrument time		1h of the operator + Instrument time	-

¹ **The 4h blocks** are available just from 5pm until 8am and also during the weekend. Except for the XPS which the 4h blocks are available during the daytime for.

² **Taxes** have to be added when the measurements are performed by an external users because in that case it is an equipment rental.

³ **A bank of a certain number of hours** may be agreed with a preferential cost in order to give a privileged access to an equipment.

Liquid Nitrogen		
Cost per liter	Minimum amount (L)	Portion (L)
2.00 \$	1	0.5

2019 fees of AFM/STM

(Responsible : Mr Catalin Harangea ; harnagea@emt.inrs.ca)

Equipment	Multimode Veeco DI AFM/STM ⁵		Enviroscope Veeco DI AFM ^{4 5}		Jeol 4500 UHV AFM/STM	Omicron Nanotechnology VT UHV STM/AFM		Operator
	\$/h	\$/4h Block ¹	\$/h	\$/4h Block ¹	\$/h	½ daytime	Daytime	\$/h
<i>Cost</i>								
<i>Users</i>								
<i>Internal</i>	35	80	45	100	100			65
<i>Préférential²</i>	40	80	45	100	100	To discuss with responsible :		65
<i>Academic²</i>	45	85	55	120	120	Mr Catalin Harnagea		100
<i>Industrial^{2 3}</i>	50	95	60	140	120	harnagea@emt.inrs.ca		100
<i>Minimum time</i>	0.5	-	0.5	-	4h			-
Training (operator time + instrument time))	2h of the operator + Instrument time		3h of the operator + Instrument time		½ daytime	1 Daytime		0.5

¹ **The 4h blocks** are available just from 5pm until 8am and also during the weekend.

² **Taxes** have to be added when the measurements are performed by an external users because in that case it is an equipment rental.

³ **A bank of a certain number of hours** may be agreed with a preferential cost in order to give a privileged access to an equipment.

⁴ **The Enviroscope Veeco DI AFM** may be use for the **MFM, EFM, KPM, piezo-response and localised current measurements.**
An additional fee will be charged, 10\$/h, or 20\$/block of 4h.

⁵ **The cost of the tip is charged** in addition of the using time.